

Acknowledgements

We are grateful to John Rowell for providing the material we studied, and also for permission to publish his photograph as Plate F.

References

- Ayub, Z. H., Arai, M. & Hirabayashi, K., 1993. Mechanism of the gelation of fibroin solution. *Bioscience Biotechnology and Biochemistry* **57**: 1910-1912.
- Ford, T. H., Shaw, M. R., & Robertson, D. M., 2000. Further host records of some West Palaearctic Tachinidae (Diptera). *Entomologist's Record and Journal of Variation* **112**: 25-36.
- Freddi, G., Pessina, G. & Tsukada, M., 1999. Swelling and dissolution of silk fibroin (*Bombyx mori*) in N-methyl morpholine N-oxide. *International Journal of Biological Macromolecules* **24**: 251-263.
- Mathur, A. B., 1991. The dissolution and characterisation of *Bombyx mori* silk fibroin in calcium nitrate methanol solution and regeneration of films. *Biopolymers* **42**: 61-74.
- Rowell, J., 2001. Small tortoiseshells attacked by parasites. *Hampshire and Isle of Wight Butterfly and Moth Report* **2001**: 16-19.
- Rudall, K. M. & Kenchington, W., 1971. Arthropod silks: the problem of fibrous proteins in animal tissues. *Annual Review of Entomology* **16**: 73-96.
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Five micro-moth species new to Glamorgan

During 2002, a number of moth species were recorded new to Glamorgan (VC 41). The author was responsible for the capture and identification of five of these. On 4 May, I netted a number of micro-moths flying in strong sunshine in an abandoned quarry fringed with oaks within Clyne Wood, between Swansea and Gower. Amongst them were several fresh, strikingly-marked examples of *Lobesia reliquana* (Hb.). A second tortricid species, *Ancylis uncella* (D. & S.), was disturbed in numbers from birch trees growing amongst heather on Kilvey Hill, on the eastern side of Swansea, a week later on 12 May. On 31 May, while awaiting the arrival of other members of the Glamorgan Moth Recording Group for a field event, VC 41 recorder Barry Stewart and myself swept several moths from rough grassland on Hirwaun Common, between Hirwaun and Treherbert in the north of the county. Among these were the distinctive yellow females of *Elachista subalbidella* Schlager, a species that will probably prove to be common and widespread in upland areas of the county. On 20 August, I visited Cwmllwyd Woods, a nature reserve between Swansea and Gower, to assist my girlfriend in collecting moss samples for her degree dissertation project. Purely out of habit, I took a net with me and as we left the site at dusk, had the luck to net a moth that proved to be *Elachista bisulcella* (Duponchel). A week later, on 26 August at Afan Argoed Country Park north of Port Talbot, I swept a specimen of *Phaulernis fulviguttella* (Zeller) from an umbellifer flower-head. According to the burgeoning data-set held by Barry Stewart and the GMRG, none of these apparently widely-distributed species had previously been recorded from Glamorgan.— MARTIN J. WHITE, 58 Victoria Quay, Maritime Quarter, Swansea, SA1 3XG.